

ABSTRACT

[0065] A method for manufacturing an emulsifier package is disclosed. The method comprises blending a flow of fuel soluble product, a flow of stabilizer, and a flow of water in a mixing vessel to form a mixture. Mixing the mixture in the mixing vessel and recirculating the mixture through the mixing vessel. Lastly, shearing the mixture with a shearing device at a rate of about 27,500 shears per second to about 87,500 shears per second. A method for manufacturing an aqueous fuel emulsion is also disclosed.